



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution of 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/781,827
Filing Date	December 9, 2003
First Named Inventor	Alheidt, et al.
Art Unit	3763
Examiner Name	
Attorney Docket Number	P-6101P1

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
B.N.		US- 2004/0010235A1	01/05/2004	Weilbacher et al.	
		US- Des. 383,205	09/02/1997	Pagay et al.	
		US- Des. 403,064	12/22/1998	Einav et al.	
		US- Des. 406,643	03/09/1999	Niedospial, Jr., et al.	
		US- 2,453,591	11/09/1948	Poux	
		US- 2,860,635	11/18/1958	Wilburn	
		US- 3,050,059	08/21/1962	Wall et al.	
		US- 3,331,538	07/18/1967	Higgins	
		US- 3,380,489	04/30/1968	Harautuneian	
		US- 3,478,937	11/18/1969	Solowey	
		US- 3,930,492	01/06/1976	Hatsuno et al.	
		US- 3,987,930	10/26/1976	Fuson	
		US- 4,044,757	08/30/1977	McWhorter et al.	
		US- 4,057,052	11/08/1977	Kaufman et al.	
		US- 4,367,738	01/11/1983	Legendre et al.	
		US- 4,493,703	01/15/1985	Butterfield	
		US- 4,731,068	03/15/1988	Hesse	
		US- 4,781,684	11/01/1988	Trenner	
B.N.		US- 4,826,483	05/02/1989	Molnar, IV	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
B.N.		EP 0 329 358 A2	02-13-1989	Power		
B.N.		EP 1 221 320	07/10/2002	Sawa, et al.		
B.N.		FR 2 622 804 A1	11/06/1987	Bonabe de Rouge		
B.N.		GB 584,841	01/23/1947	Stott et al.		
B.N.		GB 2 197 792 A	11-26-1986	Yair		

Examiner  
Signature

Catherine S. Wilen

Date  
Considered

9/1/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/731,827
Filing Date	December 9, 2003
First Named Inventor	Alheidt, et al.
Art Unit	3763
Examiner Name	
Attorney Docket Number	P-6101P1

Sheet 2 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
d8w.		US- 4,906,231	03/06/1990	Young	
		US- 4,915,692	04/10/1990	Verlier	
		US- 4,950,240	08/21/1990	Greenwood et al.	
		US- 4,973,310	11/27/1990	Kosinski	
		US- 5,037,393	08/06/1991	Ellgass	
		US- 5,085,640	02/04/1992	Gibbs	
		US- 5,090,962	02/25/1992	Landry, Jr., et al.	
		US- 5,106,372	04/21/1992	Ranford	
		US- 5,116,320	05/26/1992	Lo Duca	
		US- 5,120,314	06/09/1992	Greenwood	
		US- 5,211,629	05/18/1993	Pressley et al.	
		US- 5,242,405	09/07/1993	Howe	
		US- 5,304,138	04/19/1994	Mercado et al.	
		US- 5,308,322	05/03/1994	Tennican et al.	
		US- 5,322,515	06/21/1994	Karas et al.	
		US- 5,370,620	12/06/1994	Shonfeld	
		US- 5,395,339	03/07/1995	Talonn et al.	
		US- 5,496,285	03/05/1996	Schumacher et al.	
d8w.		US- 5,496,288	03/05/1996	Sweeney	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number * Kind Code <sup>4</sup> (if known)				
		WO 95/28978	11-02-1995	Tennican et al.		
		WO 98/56440	12-17-1998	Omaleki et al.		

Examiner  
Signature

Anthony S. Wilen

Date

Considered

9/1/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/731,827
Filing Date	December 9, 2003
First Named Inventor	Alheidt, et al.
Art Unit	3763
Examiner Name	
Attorney Docket Number	P-6101P1

Sheet	3	of	3
-------	---	----	---

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Chas. S. Wells

Date  
Cons

**Date Considered**

9/1/15

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**